doric

LED Spectra

Application Note

Version 1.2.1

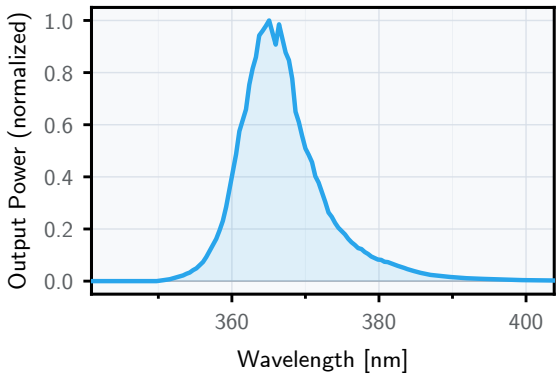
1

LED Spectra

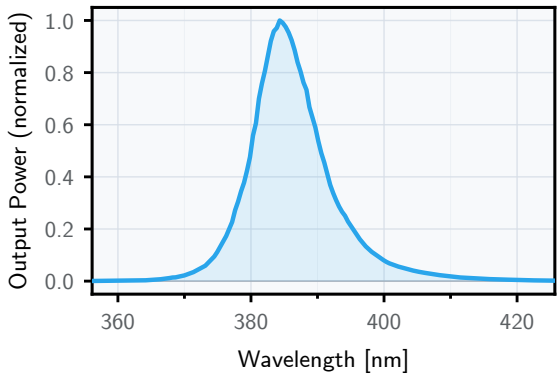
Note

The LED spectra shown are representative. Actual peak wavelengths may vary slightly due to manufacturing tolerances. Please refer to the specification sheet supplied with your purchased LED for its applicable specifications.

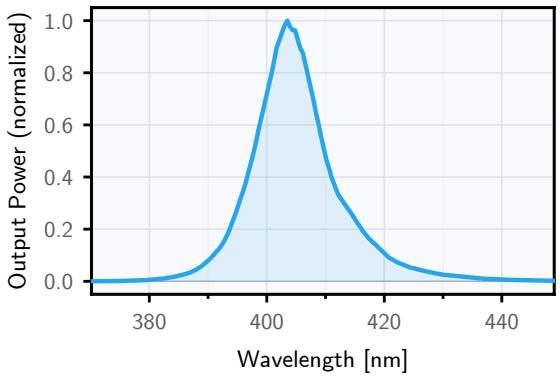
1.1 Regular CLEDs



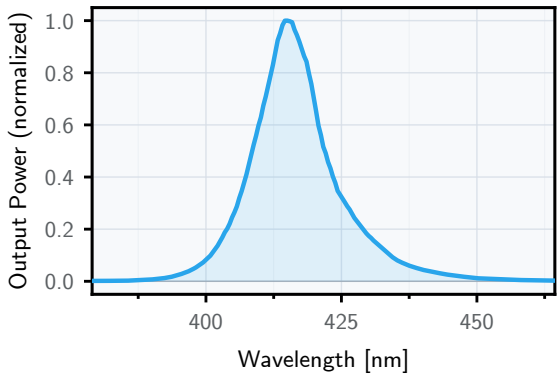
(a) *365 nm LED*



(b) *385 nm LED*



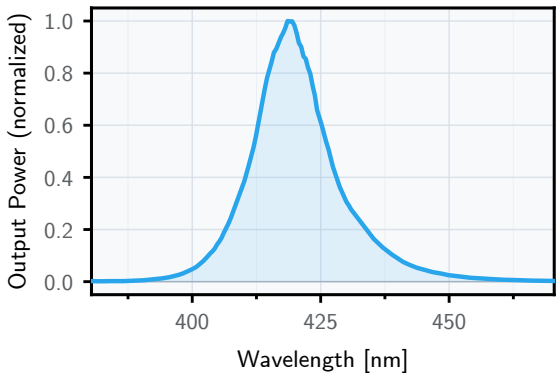
(c) *405 nm LED*



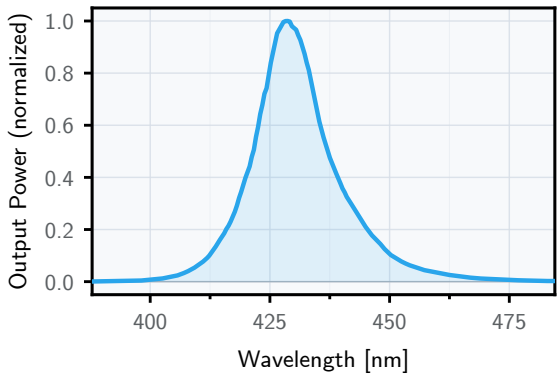
(d) *415 nm LED*

Figure 1.1: *Regular CLED spectra: 365–415 nm.*

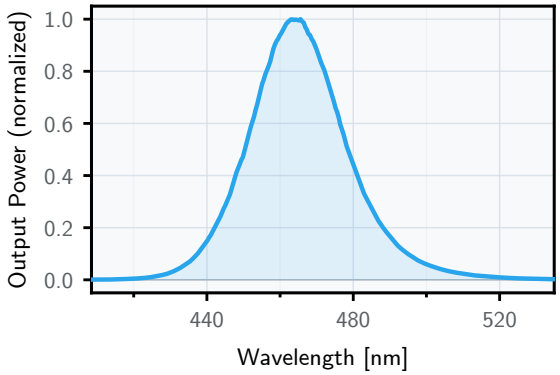
Regular CLEDs — continued



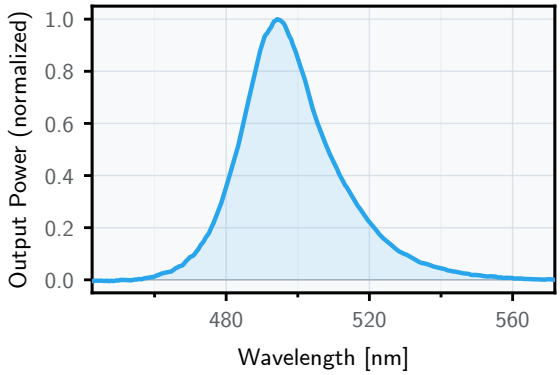
(a) *425 nm LED*



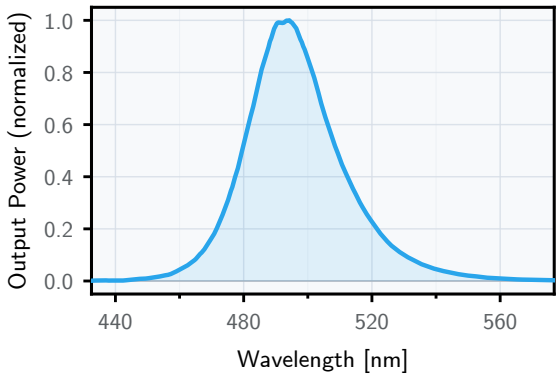
(b) *435 nm LED*



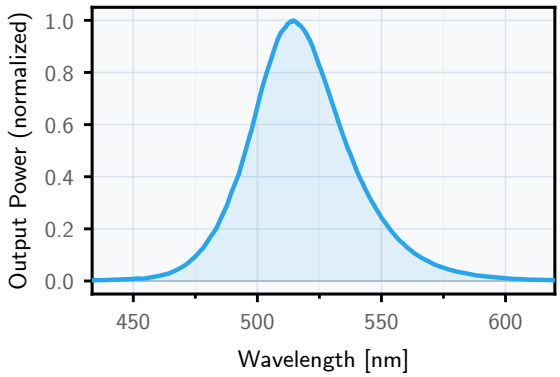
(c) *470 nm LED*



(d) *490 nm LED*



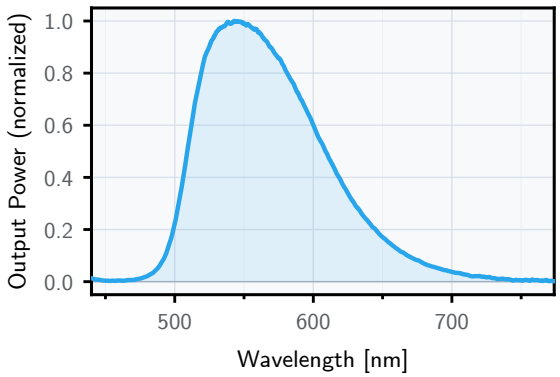
(e) *500 nm LED*



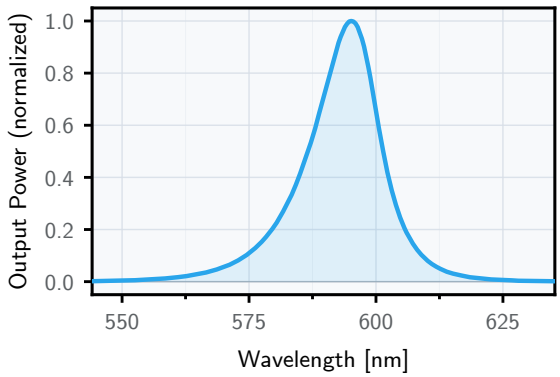
(f) *515 nm LED*

Figure 1.2: *Regular CLED spectra: 425–515 nm.*

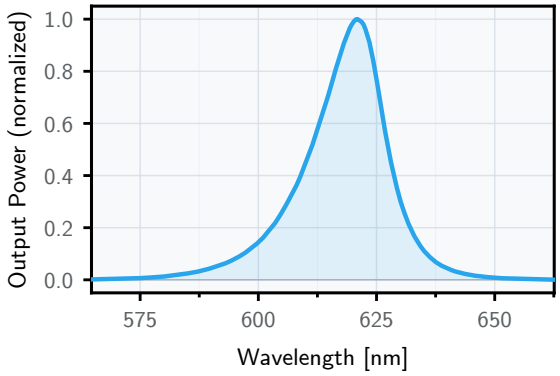
Regular CLEDs — continued



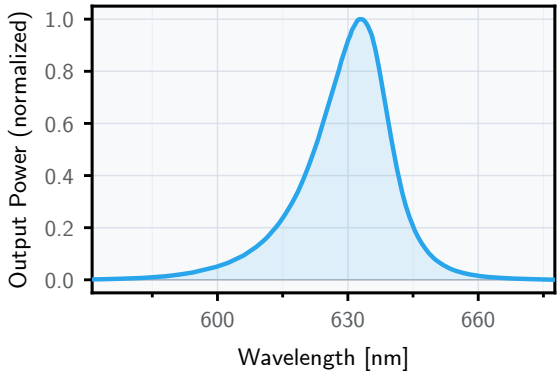
(a) *560 nm LED*



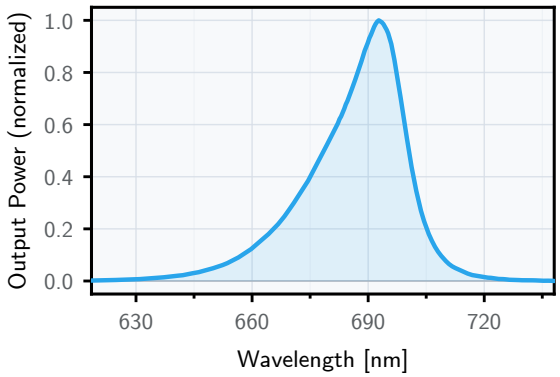
(b) *595 nm LED*



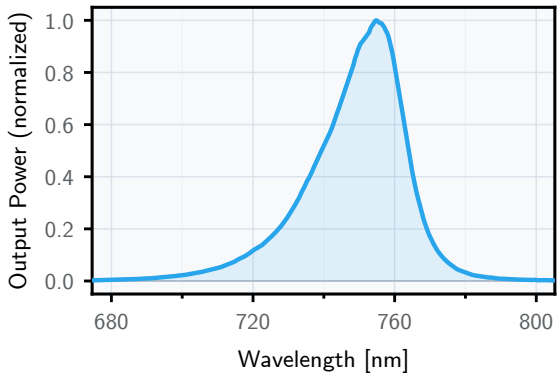
(c) *625 nm LED*



(d) *635 nm LED*



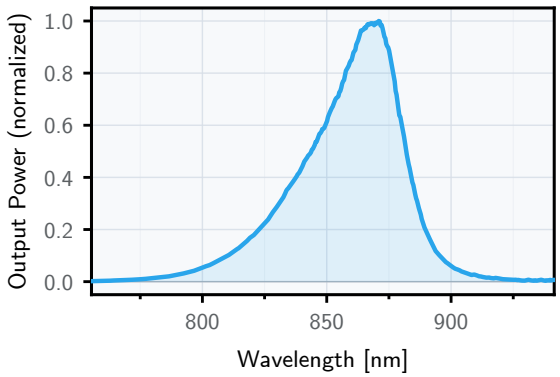
(e) *690 nm LED*



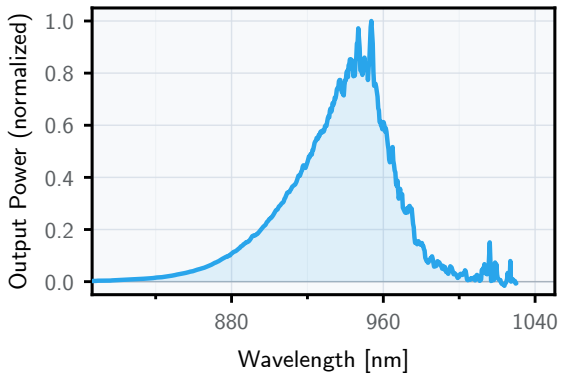
(f) *760 nm LED*

Figure 1.3: *Regular CLED spectra: 560–760 nm.*

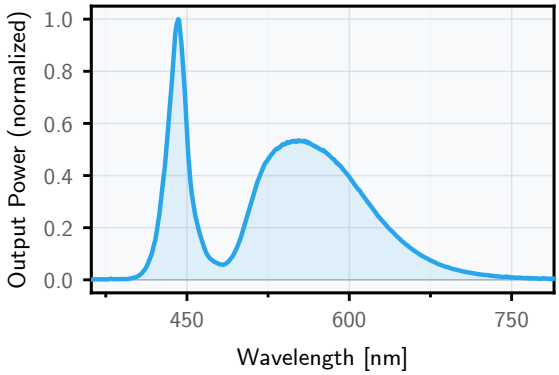
Regular CLEDs — continued



(a) *860 nm LED*



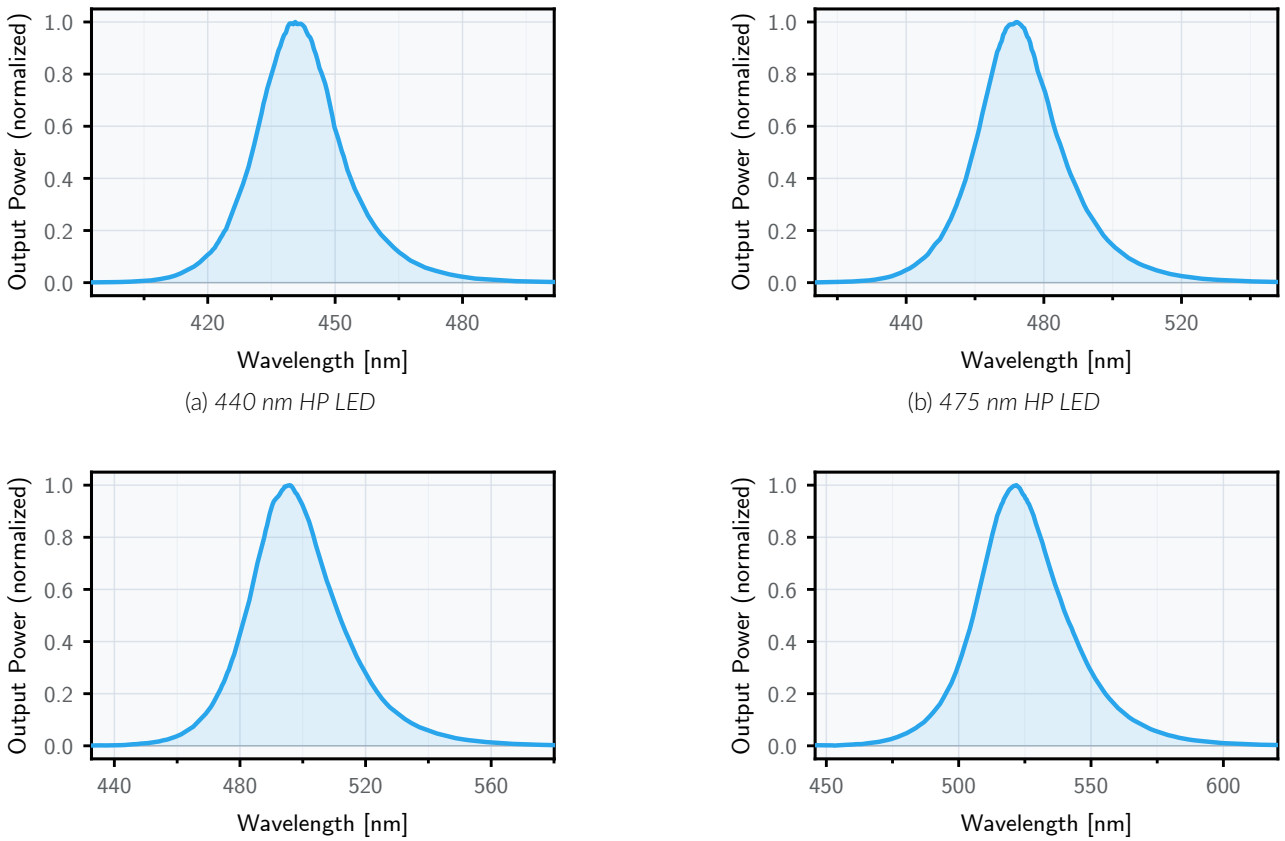
(b) *940 nm LED*



(c) *White LED, 5500 K*

Figure 1.4: *Regular CLED spectra: infrared and white LEDs.*

1.2 High-Power CLEDs



(a) *440 nm HP LED*

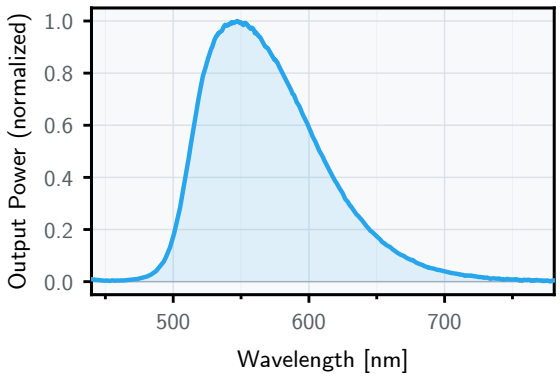
(b) *475 nm HP LED*

(c) *495 nm HP LED*

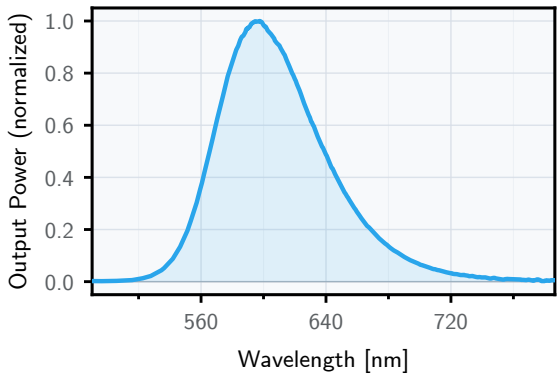
(d) *525 nm HP LED*

Figure 1.5: *High-power CLED spectra: 440–525 nm.*

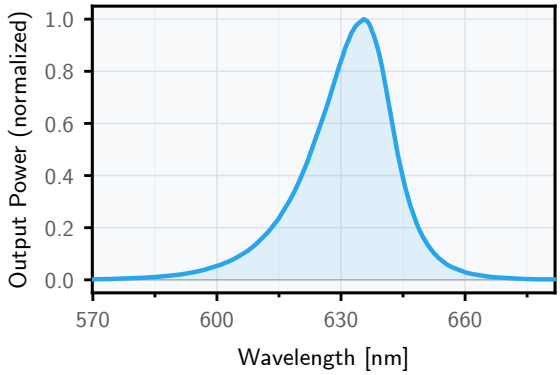
High-Power CLEDs — continued



(a) *560 nm HP LED*



(b) *595 nm HP LED*



(c) *635 nm HP LED*

Figure 1.6: *High-power CLED spectra: 560–635 nm.*

1.3 DazzLED

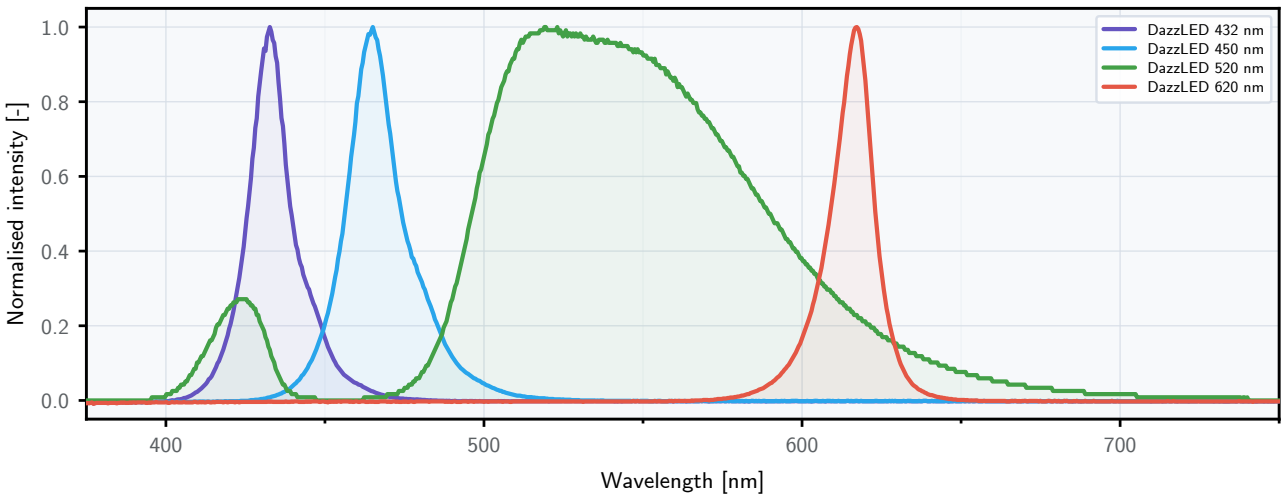


Figure 1.7: *DazzLED optical spectra*

2

Support

2.1 Maintenance

The product does not require any maintenance. Do not open the enclosure. Contact Doric Lenses for return instructions if the unit doesn't work properly and needs to be repaired.

2.2 Warranty

This product is under warranty for a period of 12 months. Contact Doric Lenses for return instructions. This warranty will not be applicable if the unit is damaged or needs to be repaired as a result of improper use or operation outside the conditions stated in this manual.

2.3 Contact us

For any questions or comments, do not hesitate to contact us by:

Phone 1-418-877-5600

Web doriclenses.com/contact

Email sales@doriclenses.com

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